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169896  
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15 April 1997

Mr. Michael McAteer  
U.S. Environmental Protection Agency  
Region V  
77 West Jackson Boulevard  
HSRW-6J  
Chicago, Illinois 60604-3590

**Subject: Enviro-Chem Superfund Site  
Monthly Progress Report Number 44  
March 15 through April 14, 1997**

Dear Mr. McAteer:

Enclosed is the subject progress report Number 44. Copies of the reports have been submitted to Mr. Tony Likins at IDEM.

Sincerely,



Mark J. Dowiak, P.E.  
Project Manager

MJD:tr

Enclosure

cc: Dr. Roy O. Ball, PhD., P.E. – ERM  
Mr. Norman Bernstein, Esq. – N.W. Bernstein & Associates  
Mr. John Kyle III, Esq. – Barnes & Thornburg

**To:** Tony Likins, IDEM  
Michael McAteer, U.S. EPA

**From:** Mark J. Dowiak

**Date:** 15 April 1997

**Subject:** **Enviro-Chem Superfund Site**  
**Monthly Progress Report Number 44**  
**March 15 through April 14, 1997**

## MEMORANDUM

This Monthly Progress has been prepared in accordance with Section XII of the Consent Decree entered September 10, 1991, Number 83-419C, U.S.D.C. District of Indiana.

### Activities

*de maximis, inc.* conducted the March monthly site inspection at the Enviro-Chem Superfund site on March 14, 1997. The following conditions were noted during the monthly site inspection:

- ▶ The distances from the lowest strand of barbed wire to the channel bottom in the north drainage ditch and the Parcel 45 south diversion channel were 22.5 inches and 27 inches, respectively. These are the same distances that were measured during the February inspection;
- ▶ The decon pad and the water storage pad contain water. This does not appear to be causing any effect on the site;
- ▶ Asphalt material has been placed against the outside of the fence directly across from the Boone County Resource Recovery Systems (BCRRS) office which resulted in a two (2) to three (3) foot elevation increase. Careful observation during the spring thaw/rains will be performed to insure that damage to the fence is not incurred as a result of the increased elevation and/or any potential pressure that may be exerted on the fence;
- ▶ The March inspection was performed the day after a rain event of approximately 1-2 inches. The ground was saturated and a substantial flow was observed in the ditches. During the inspection, two (2) separate sheens were observed in the outer (western) ditch immediately adjacent to BCRRS operations. Both sheens were discontinuous. One sheen was located approximately fifty-five (55) feet north of the main entrance gate, was blue in color, and measured approximately four (4) feet by one-half (0.5) feet. The other sheen was located approximately one hundred thirty-eight (138) feet north of the support zone security fence (east/west section), and measured approximately three (3) feet by one-half (0.5) feet).

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The area in the vicinity of both sheens was visually inspected in an effort to locate the origin of the source. Due to the ground saturation and substantial flow in the area, no obvious source was readily identified.

The sheen areas were inspected again on March 19, 1997. The weather was sunny, 40-50 degrees, and the wind was west to east at approximately 5 m.p.h. There was no substantial flow in the ditches. There was no sheen observed in the area where the one had been observed on March 14, 1997 at the "fifty-five (55) foot north of the entry gate" location. However, after some hand work was performed in the area to attempt to find a source, a blue sheen appeared. It was approximately two (2) feet long and three (3) inches wide. The exact source of the sheen could not be determined, but it appeared to come from the west side (BCRRS side) of the ditch bank.

The Enviro-Chem Trustees are awaiting U.S. EPA and IDEM comments and/or approval of the QAPP, FSP and Sidewall Soil Sampling Protocols submitted in March.

**Activities to be Conducted from March 15 through April 14, 1997**

- ▶ *de maximis, inc.* will conduct the April monthly site inspection.

MJD:tr